

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15469	yamagishi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 17:54
L2	26	L1 and pfizer.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:05
L3	15053	pfizer.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:05
L4	981840	nd orl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:05
L5	44	l3 and orl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:08
L6	63	Tulshian.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:08
L7	28	L6 and ORL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 18:08

EAST Search History

S1	849	514/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:44
S2	823364	ORL na S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:44
S3	2	ORL and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:46
S4	233	ORL and antagonist	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 17:53

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NEWS 3 MAR 16 CASREACT coverage extended
NEWS 4 MAR 20 MARPAT now updated daily
NEWS 5 MAR 22 LMPI reloaded
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/Caplus enhanced with 1870-1899 U.S. patent records
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/Caplus Indian patent publication number format defined
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 17 MAY 21 CA/Caplus enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/Caplus enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/Caplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 3.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 LEMBASE coverage updated
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
NEWS 25 JUL 02 CHEMCATS accession numbers revised
NEWS 26 JUL 02 CA/Caplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V9.2,
CURRENT MACINTOSH VERSION IS V6.0C(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

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***** STN Columbus *****

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FILE LAST UPDATED: 9 JUL 2007 (20070709/ED)

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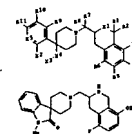
=> s ORL and sleep
281 ORL
37 ORLS
294 ORL
(ORL OR ORLS)
21800 SLEEP
50 SLEEPS
21822 SLEEP
(SLEEP OR SLEEPS)
L1 4 ORL AND SLEEP
=> d scan

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[illegible]

AN Coumpo. of formula I [X = O, (substituted) Me, Et, n-alkyl, allyl,
allyl, acrylamide, etc.; R¹-R⁶ = H, halo, OR, alky], alkoxym, acyl, etc.
or,
AN - O = R⁷R⁸ + coump 39-41 = R, halo, alkyl, aryl or CH₃, O,
(substituted)
AN - X = bond; X = (substituted) CN, N] are prepared. These compounds have
cell receptor antagonist activity, and are useful to treat diseases or
conditions such as pain and muscle spasms. Pharmaceutical compositions
containing I are described. Thus, II are prepared, and had IC₅₀ values
of 1.5 and 0.01 μM against human opioid receptors.

13 ANSWER 2 OF 4 CABLES COPYRIGHT 1997 ACS INC. (Continued)

[illegible]

26 The effects of instrumental and pharmacological deprivation of sleep on T-wave learning have been studied in 3 labeled strains of mice (C57BL/6J and C57BL/6J \times DBA/2J), using identical sleep deprivation techniques. The results indicate that C57BL/6J mice have a more stable sleep rhythm, but mainly deficient in their ability to learn. Administration of DL-norepinephrine (1: 133-12-1) (100 mg/kg) prevented complete suppression of paradoxical sleep (PS) for 9-11 hr. Injection immediately after each training session over the 1st 4 days delayed acquisition of an active avoidance task in C57BL mice. In C57BL/6J mice, 5 facilitated acquisition. Similar results were obtained by instrumental deprivation of sleep for 16 hr.

=> d his
 (FILE 'HOME' ENTERED AT 14:15:33 ON 10 JUL 2007)
 FILE 'CAPLUS' ENTERED AT 14:15:51 ON 10 JUL 2007
 I.1 4 S ORL AND SLEEP

FILE 'CAPLUS' ENTERED AT 14:15:51 ON 10 JUL 2007

```

=> s orl and insomnia
      281 ORL
      37 ORLS
      294 ORL
          (ORL OR ORLS)
2741 INSOMNIA
      7 INSOMNIAS
2741 INSOMNIA
          (INSOMNIA OR INSOMNIAS)
1.2 0 ORL AND INSOMNIA

```

```

=>
Uploading C:\Program Files\Stnexp\Queries\10508339.str

```



```

ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26 27

```

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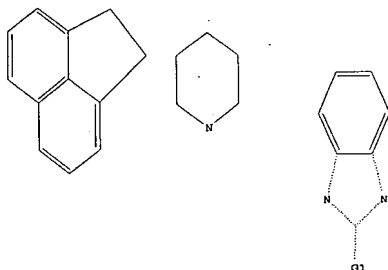
ring/chain nodes :
29
ring/chain bonds :
19-29
ring bonds :
1-2 1-6 2-3 3-4 3-7 4-5 4-10 5-6 5-12 7-8 8-9 9-10 10-11 11-12 13-14
13-18 14-15 15-16 16-17 17-18 19-20 19-23 20-21 21-22 21-24 22-23 22-27
24-25 25-26 26-27
exact/norm bonds :
5-12 10-11 11-12 13-14 13-18 14-15 15-16 16-17 17-18 19-20 19-23 19-29
20-21 22-23
normalized bonds :
1-2 1-6 2-3 3-4 3-7 4-5 4-10 5-6 7-8 8-9 9-10 21-22 21-24 22-27 24-25
25-26 26-27

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 29:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

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=> s l3
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or PHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 14:25:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 440 TO ITERATE

100.0% PROCESSED 440 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7542 TO 10058
PROJECTED ANSWERS: 2 TO 124

L4 2 SEA SSS SAM L3

L5 1 L4

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=> s l3 full
FULL SEARCH INITIATED 14:25:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9028 TO ITERATE

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100.0% PROCESSED 9028 ITERATIONS
SEARCH TIME: 00.00.01

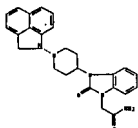
24 ANSWERS

L6 24 SEA SSS FUL L3

=> d scan

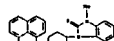
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L4 24 ANSWERS REGISTRY COPYRIGHT 2007 ACS ON STN
L5 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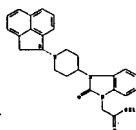
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16 34 ANSWERS REINTER CHOTRIGHT 2007 RCH MR FTS
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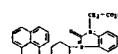


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 26 ADVISEE RESIDENCE COUNTRY: 2007 ACS via STW
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20 piperidinyl)-2,3-dihydro-2-oxo-1H-
21 7H-benz[e][1,2]oxazole] (101)



ALPHABETIC DATA AVAILABLE IN THE "1900" FORMS?"

ALL PRINTERS HAVE BEEN RECOVERED

10508339.trn

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>> file caplus
FILE 'CAPLUS' ENTERED AT 14:26:21 ON 10 JUL 2007
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•> d his

(FILE 'HOME' ENTERED AT 14:15:33 ON 10 JUL 2007)

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L1.      4 S ORL AND SLEEP
L2.      0 S ORL AND INSOMNIA
L3.      STRUCTURE UPLOADED
          S L3

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LS 1 S L4

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L6 24 S L3 FULL

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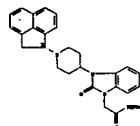
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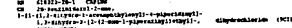
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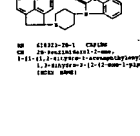
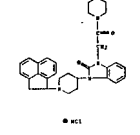
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 1-(benzimidazol-1-yl)-2-methyl-3-oxo-4-(piperidin-4-yl)-5-phenyl-1H-pyrazole-5-carboxamide (HCl) (CA 10066 0000)



11 43323-20-9 CXP110
CH 1-(benzimidazol-1-yl)-2-methyl-3-oxo-4-(piperidin-4-yl)-5-phenyl-1H-pyrazole-5-carboxylic acid
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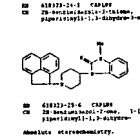
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 • MCI

HU 61512-11-6 CMCB
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 penta-1-en-1-yl)-1,3-dioxep-1-yl)-1,3-dioxep-1-yl]-1,3-dioxep-1-yl
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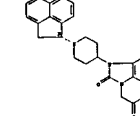




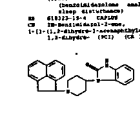
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IV 616223-15-49
ALT PAC (Pharmacological activity): 85% (Synthetic preparation)
(Theoretical use): 81% (Biological study): 82% (Preparation)



=> d cbib abn 1-2

[illegible]

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=> s chronbiotics
           0 CHRONBIOTICS
L10       0 CHRONBIOTICS

=> s chronbiotics
L11       12 CHRONBIOTICS

=> d scan

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[illegible]

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L11 12 keywords Carlos Cortez 2007 ACS on PDB
CC 2nd (Molecular Structure)
T1 Jet-Lag and shift work: (1).Therapeutic use of melatonin
T2 review jet lag and shift work melatonin therapy
T3 Rayton, Benjamin
T4 Benjamin Rayton Jet-Lag and shift work and the therapeutic use
of melatonin
T5 T1-11. Melatonin
T6 Melatonin (biological activity or effector, except adverse): BMS
T7 Melatonin, unadvised: YBM (Therapeutic use): YBM (biological study):
YBM
(Chem)
(Cyt-Lag and shift work and the therapeutic use of melatonin)
NEW MUST HAVE keywords ON YOUR WING TO MCMQ [11]

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111 12 survival  CHLSE  CONTRAST  1987  ACS  on  FTS
112 2-8  Humanism  Movement
113 Chroma-biology  and  melanism
114 review  melanism  making  chromamatics  circadian  rhythm  hypnosis
115
116 Synopses  and  Swellies
117      (chromatic)  and  melanism
118 Rhythm,  biological
119      chromatic  chromatic  and  melanism
120 7/11-14  Melanism
121 61: 129  (biological  study,  melanism):  PAC  (Pharmacological  activity):
122 7/11-14  (Pharmacological  study,  melanism)  study:  1025  (1025)
123      (chromatic)  and  melanism

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HOW MANY TIMES APPEARING DO THE WORDS ACROSS (111)

[illegible]

```

111 12 keywords CAPSULE copyright 1987 ACS on FTH
CC 1-0 (Pharmacology)
17 chronobiotics - drugs that shift rhythm
17 circadian_rhythm drug circadian rhythms
17 Hygien, Biological
    (chronobiotics - drugs that shift rhythm)
17 Pharmacology
    (chronobiotics - drugs that shift rhythm)
17 Hygien, Biological
    (circadian_rhythm, chronobiotics - drugs that shift rhythm)
NEW WEST WALK, ANDREWS DO YOU WANT TO MEET? [111]

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[illegible][illegible]

L11 17 ANSWERS CAPTION COPYRIGHT 1967 ACN ON STE
 T1 Promoting adjustment of the sleep-wake cycle by chronobiotics
 NOW WHAT HOWL ANSWERS DO YOU WISH TO SCAM? L111

→ d cbib abs 1-12

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111 12 APPROX CHARGE COPYRIGHT 2007 ACS on STM
112 1-8 (Macromolecules)
113 Rhythmic action of theophylline and of postcircadian ac circadian
114 rhythm circadian theophylline postcircadian theophylline body temp
115 regulation rhythmic postcircadian body temp regulation rhythmic
116 sleep. National
117 circadian. of body temperature regulation, postcircadian and
118 theophylline
119 effect on:
120 body temperature
121 regulation of, circadian rhythm of, postcircadian and theophylline
122 effect on:
123 12-12-0 12-12-0
124 121 121 (circadian rhythm)
125 (body temperature regulation response to, circadian rhythm of)
126
127 ALL APPROX HAVE BEEN PLANNED

```

[illegible]

L11 Approved 5 or 13 CDRPNO CONTINUING 2007 ACS on STN
L11#16184 Document No. 106122979 Chromo-biology and molecular. each.
Subject 3-1 journal Edited J. Saitoh; H. Suganuma Editor
Bioscience Medicine Service, Osewa Health and Science University,
Portland, OR, USA; j.saitoh@osewa.ac.jp; 503-851. Bellini et al.
Cellular, Chem. Biol., 2007, 12(1), 1-10. doi:10.1016/j.ccr.2007.01.001
Publication, Inc.: Arlington, VA, 1999. © 2007-2007-2007-2007.
CODEN: CCRDZG
A review focusing on the circadian phase-resetting and synaptic actions

[illegible][illegible][illegible]

011 497673 6 of 12 CHLWEN 12007 ACS on STD
 1979120710 Document No. 123710017 Animal models for chromatinosis
 • Armstrong, Stuart Maxwell [School of Psychology, La Trobe University,
 Victoria, 3086, Australia]. *European Journal of Medical Chemistry*.
 1996;31(10). Publisher: Elsevier International. LYNXIS on MEDICAL
 Chemistry, 1996). 632p-640 (English) 1996. CDSN1 199631 1000
 0127-8240. Publisher: Elsevier.
 AB A review, with 26 refs., on the chromatinosis properties of melatonin
 which
 can be used for prophylactic and therapeutic resetting of the circadian
 pacemaker in circadian rhythm sleep disorders, including jet lag, shift
 work, delayed and advanced sleep phase syndrome, irregular sleep-wake

L11 SURVES 10 OF 17 CAPSLES CONTAINED 2007 ACS ON STU
1970:40952) Submitted On: 4/20/72 The aneuploidic implications of
chromosomes in the teratogenesis of neonatal chromosomal
abnormalities and associated malformations. Shurt, Charles F.;
Shurt, Kenneth W. Clin. Biol. Med. Res., Argentine Natl. Lab., Argentine, IL,
USA. Prev. Detect. Cancer, IPW. Int. Symp., 1st, Meeting Dec 1974,
Vol 1, 1, Issue 1, 1101-14. MICAM (s): Bismarck, Herbert E. Doctor: New



low levels of phenanthrene [1] [90-06-6] in the diet induced circadian dysrhythmia in rats. This finding is discussed with respect to the carcinogenic potential of I and the other chromolignans, cryptotannins. It is suggested that all chromolignans may be carcinogenic when taken at a tolerable dose of the circadian cycle.

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